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*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*

(54) Title: **INTERFERON- $\alpha$  INDUCED GENE**

(57) Abstract: The present invention relates to identification of a gene upregulated by interferon- administration corresponding to the cDNA sequence set forth in SEQ. 1D. No. 1. Determination of expression products of this gene is proposed as having utility in predicting responsiveness to treatment with interferon- and other interferons which act at the Type 1 interferon receptor. Therapeutic use of the protein encoded by the same gene is also envisaged.



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## INTERNATIONAL SEARCH REPORT

Internat

on No

PCT/GB 03/03502

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/47 C07K16/18 C12N15/12 C12N05/10 C12Q1/68  
G01N33/68 A61K39/395 A61K38/17 A01K67/027

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, SEQUENCE SEARCH

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 48182 A (PHARMA PACIFIC PTY LTD; MERITET JEAN-FRANCOIS (FR); DRON MICHEL (F) 20 June 2002 (2002-06-20)	1-25
Y	the whole document	1,5
X	DATABASE SPTREMBL 'Online! 11 November 1999 (1999-11-11) "Homo sapiens mRNA for KIAA1268 protein, partial cds." Database accession no. AB033094 XP002261219	1,2,5
Y	the whole document	1,5
A	WO 01 42301 A (PHARMA PACIFIC PTY LTD; MERITET JEAN FRANCOIS (FR); DRON MICHEL (F) 14 June 2001 (2001-06-14)	
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

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\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

13 November 2003

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27/11/2003

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## INTERNATIONAL SEARCH REPORT

Internat

Application No

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 22682 A (PHARMA PACIFIC PTY LTD; MERITET JEAN FRANCOIS (FR); DRON MICHEL (F) 21 March 2002 (2002-03-21) -----	

# INTERNATIONAL SEARCH REPORT

International Application No.  
PCT/GB 03/03502

## Box I Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
see FURTHER INFORMATION sheet PCT/ISA/210
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/GB 03 03502

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.1

Although claim 13 is directed to a method of treatment of the human body, the search has been carried out and based on the alleged effects of the compound. Although claims 21 to 24 are directed to a diagnostic method practised on the human body, the search has been carried out and based on the alleged effects of the compound.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International

Application No

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WO 0248182	A	20-06-2002	AU 2218702 A	24-06-2002
			CA 2430297 A1	20-06-2002
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